

Safety Data Sheet

Rain Shield Primer

SDS Revision Date:

02/01/16

1. Identification

1.1. Product identifier

Product Identity

Rain Shield Primer

Alternate Names

Product Code RS-3356

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use

See Technical Data Sheet.

Application Method

See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name

Lanco & Harris Corp.
600 Mid Florida Drive
Orlando, FL 32824

**Emergency
CHEMTREC (USA)**

24 hour Emergency Telephone No.

(800) 424-9300

Customer Service: Lanco & Harris Corp.

(407) 240-4000

2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

No applicable GHS categories.

[Prevention]:

No GHS prevention statements

[Response]:

No GHS response statements

[Storage]:

No GHS storage statements

[Disposal]:

No GHS disposal statements

Safety Data Sheet

Rain Shield Primer

SDS Revision Date:

02/01/16

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Calcium carbonate CAS Number: 0001317-65-3	5.0 - 20	Not Classified	[1][2]
Titanium dioxide CAS Number: 0013463-67-7	5.0 - 20	Not Classified	[1][2]
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate CAS Number: 0025265-77-4	1.0 - 10	Not Classified	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	Induce vomiting promptly according to physician's instructions or by having patient stick finger down throat. After vomiting has been induced, give two teaspoons of baking soda in water.

4.2. Most important symptoms and effects, both acute and delayed

Overview	<p>Inhalation Health Risks and Symptoms of Exposure: Irritation of the respiratory tract; headache, nausea, dizziness.</p> <p>Skin and Eye Contact Health Risks and Symptoms of Exposure: In case of eye contact, flush with large amounts of water for at least 15 minutes. Get medical assistance.</p> <p>Skin Absorption Health Risks and Symptoms of Exposure: Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.</p> <p>Ingestion Health Risks and Symptoms of Exposure: If ingested, call a physician immediately. Induce vomiting and contact a physician or your nearest poison control center. Never give anything to an unconscious person. Treat symptomatically.</p>
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Safety Data Sheet

Rain Shield Primer

SDS Revision Date:

02/01/16

Health Hazards (Acute and Chronic):

Prolonged and repeated breathing of spray mist and/or sanding dust over a period of years may cause dust disease of the lungs.

Medical Conditions Generally Aggravated by Exposure:

None when used in accordance with safe handling and use information.

See section 2 for further details.

5. Fire-fighting measures

5.1. Extinguishing media

CO2, water fog, other.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Carbon Monoxide and Carbon Dioxide

5.3. Advice for fire-fighters

Due to pressure build-up, closed containers exposed to extreme heat may explode during emergency conditions. Overexposure can cause decomposition of product and create a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Summon professional firefighters. Use full protective equipment including self contained breathing apparatus. Water spray may be ineffective. If water is used, fog nozzles are preferable.

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Wash with water, before attempting clean up, refer to hazard caution information in other section of this safety data sheet. Contain spilled material and remove with inert absorbent material.

7. Handling and storage

7.1. Precautions for safe handling

See section 2 for further details. - [Prevention]:

Safety Data Sheet

Rain Shield Primer

SDS Revision Date:

02/01/16

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: No data available.

Store below 100F and keep from freezing. Keep container closed when not in use. Do not reuse empty container. Keep out of reach of children.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0001317-65-3	Calcium carbonate	OSHA	TWA 15 mg/m3 (total) TWA 5 mg/m3 (resp)
		ACGIH	TWA: 10 mg/m3 Ceiling: 20 mg/m3
		NIOSH	TWA 10 mg/m3 (total) TWA 5 mg/m3 (resp)
		Supplier	No Established Limit
0013463-67-7	Titanium dioxide	OSHA	TWA 15 mg/m3
		ACGIH	TWA: 10 mg/m32B, Revised 2006,
		NIOSH	Footnote ca
		Supplier	No Established Limit
0025265-77-4	2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0001317-65-3	Calcium carbonate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0013463-67-7	Titanium dioxide	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;
0025265-77-4	2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure controls

Safety Data Sheet

Rain Shield Primer

SDS Revision Date:

02/01/16

Respiratory	Do not breathe vapors, spray, mist or sanding dust. When spray is applied in outdoor or open areas with unrestricted ventilation, and during sanding or grinding operation, use NIOSH/NSHA approved mechanical filter respirator to remove solid airborne particles of overspray and sanding dust.
Eyes	Do not get in eyes. Safety eyewear with splash guards or side shields is recommended to prevent contact.
Skin	Not Required
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	White Liquid
Odor	Latex
Odor threshold	Not Measured
pH	9 - 10
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	100 C, 212 F
Flash Point	Not Measured
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa)	Not Measured
Vapor Density	Not Measured
Specific Gravity	1.214 (water=1)
Solubility in Water	Partly Soluble
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
Material V.O.C.	16 g/l
Coating V.O.C.	39 g/l

9.2. Other information

No other relevant information.

Safety Data Sheet

Rain Shield Primer

SDS Revision Date:

02/01/16

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Do not mix product with other material unless specified by manufacturer.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Carbon Monoxide and Carbon Dioxide

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Calcium carbonate - (1317-65-3)	No data available	No data available	No data available	No data available	No data available
Titanium dioxide - (13463-67-7)	10,000.00, Rat - Category: NA	10,000.00, Rabbit - Category: NA	No data available	6.82, Rat - Category: NA	No data available
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate - (25265-77-4)	3,200.00, Rat - Category: 5	15,200.00, Rabbit - Category: NA	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	—	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	—	Not Applicable
Respiratory sensitization	—	Not Applicable

Safety Data Sheet

Rain Shield Primer

SDS Revision Date:

02/01/16

Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1. Toxicity

Harmful to aquatic life.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Calcium carbonate - (1317-65-3)	Not Available	Not Available	Not Available
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate - (25265-77-4)	30.00, Pimephales promelas	95.00, Daphnia magna	18.40 (72 hr), Selenastrum capricornutum

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

Safety Data Sheet

Rain Shield Primer

SDS Revision Date:

02/01/16

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			
IMDG	Marine Pollutant: No		
14.6. Special precautions for user	No further information		

15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS Classification	Not Regulated
US EPA Tier II Hazards	<div style="text-align: right;">Fire: No</div> <div style="text-align: right;">Sudden Release of Pressure: No</div> <div style="text-align: right;">Reactive: No</div> <div style="text-align: right;">Immediate (Acute): No</div> <div style="text-align: right;">Delayed (Chronic): No</div>

EPCRA 311/312 Chemicals and RQs:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

Crystalline Silica - Quartz
Titanium Dioxide

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%):

Safety Data Sheet

Rain Shield Primer

SDS Revision Date:

02/01/16

Calcium carbonate

Titanium dioxide

Pennsylvania RTK Substances (>1%):

Calcium carbonate

Titanium dioxide

16. Other information

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The full text of the phrases appearing in section 3 is:

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